

**DOOR TRIM PANEL ASSEMBLY HAVING
INTEGRATED SOFT-TOUCH AESTHETIC FEATURE
AND METHOD OF MANUFACTURING SAME**

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method of manufacturing a door trim panel assembly having an integrated soft-touch area including actuating a core within a mold cavity so as to partition at least one area of the mold cavity, to prevent a first molten thermoplastic material from completely filling the mold cavity. A first molten thermoplastic material having a predetermined density is then injected into a mold cavity so as to fill the mold cavity thereby forming a structural element. The core is then retracted within the mold cavity to provide at least one secondary void within the mold cavity. A second molten thermoplastic material having a density less than the predetermined density of the first molten thermoplastic material is then injected into said secondary void of the mold cavity to form at least one soft-touch area bonded to and adjacent at least a portion of the structural element.